

Project Description

The desalination plant serves the new Eastern Port Said city, which has a 150,000m³/day capacity. The plant uses reverse osmosis technology, and the intake and used water disposal system are designed for a 250,000m³/day capacity to take account of potential future expansion. The project includes all civil works for the plant, construction of the 700km long transmission and distribution network, as well as storage plants, control and monitoring equipment, mechanical and electrical, and other parts. It has been forecasted to be complete by the end of 2019, and the total cost has been estimated at around \$311 million.

EAST PORT SAID SWRO

COUNTRY:	EGYPT 
CLIENT:	EGYPT GOVERNMENT 
CONTRACTOR:	METITO 
CONSULTANT:	N.A.
TYPE:	DESALINATION PLANT



PRODUCT SUPPLIED

Product Description	Quantity
BALL VALVE 1/2" PN100 AISI 316 FULL BORE F/F PTFE GAS	3,00
BALL VALVE 3/4" PN100 AISI 316 FULL BORE F/F PTFE GAS	1,00
BALL VALVE 1" 1/2 PN64 AISI 316 FULL BORE F/F PTFE GAS	1,00
BALL VALVE 1" PN210 AISI 316L FULL BORE F/F DELRIN S.3000 NPT	25,00
BALL VALVE 1/2" PN64-100 AISI 316L - FULL BORE - F/F - PTFE - S.800-1500 NPT	35,00
BALL VALVE 1/2" PN64-100 AISI 316L - FULL BORE - F/F - PTFE - S.800-1500 SW	2,00
BALL VALVE DN25 PN16-40B AISI 316 FULL BORE UNI/DIN FROM BAR FLANGED	2,00
BALL VALVE 1/2" PN50 CW617N (OT58) 316 FULL BORE PTFE F/F	30,00
BALL VALVE 3/4" PN50 CW617N (OT58) 316 FULL BORE PTFE F/F	27,00
BALL VALVE 1" PN50 CW617N (OT58) 316 FULL BORE PTFE F/F	1,00
BALL VALVE 2" PN32 CW617N (OT58) 316 FULL BORE PTFE F/F	13,00
BALL VALVE 2"1/2 #800 SS316L SW	4,00
ANSI BALL VALVE 1" AISI 316 FULL BORE ANSI 150 FLANGED	43,00

ANSI BALL VALVE 2" AISI 316 FULL BORE ANSI 150 FLANGED	2,00
ANSI BALL VALVE 2" 1/2 AISI 316 FULL BORE ANSI 150 FLANGED	8,00
ANSI BALL VALVE 3" AISI 316 FULL BORE ANSI 150 FLANGED	4,00
MANUAL BALL VALVE 1/2" BODY: DUPLEX BALL: DUPLEX SEAT: PTFE PRESSURE RATING: 800# END CONNECTION: THREADED OPERATION: HAND LEVER	90,00
PNEUMATIC BALL VALVE 1" BODY: DUPLEX BALL: DUPLEX SEAT: PTFE PRESSURE RATING: 800# END CONNECTION: SW WITH PNEUMATIC ACTUATOR SA 200S08.F05-F0714 + ES2P01H	20,00
PNEUMATIC BALL VALVE 1-1/2" BODY: DUPLEX BALL: DUPLEX SEAT: PTFE PRESSURE RATING: 800# END CONNECTION: SW WITH PNEUMATIC ACTUATOR 250D.F05-F0717 + ES2P01H	40,00
BALL VALVE 2" #150 SS316L SW WITH PNEUMATIC DA ACTUATOR IA200D.F05-F0714 AND BOX GZ01	2,00
BALL VALVE 2"1/2 #150 SS316L SW WITH PNEUMATIC DA ACTUATOR IA200D.F05-F0717 AND BOX GZ01	2,00
BALL VALVE 1" AISI 316 - FULL BORE - F/F - PTFE THREADED WITH ELECTRIC ACTUATOR EH140	3,00

DCV SWING CHECK VALVE DN65 SS316 PTFE	2,00
Y CHECK VALVE WITH SPRING DN25 #150 SS316 NPT THREADED	2,00
Y CHECK VALVE WITH SPRING DN25 #150 SS316 SOCKET WELD	3,00
PRESSURE LIMITING DEVICE VALVE 1" SOCKET WELD SEAT PTFE 8 PCS Working P=4 bars 10 PCS Working P=7 bars	18,00
BALL VALVE 2" PN100 351 CF8M (AISI 316) FULL BORE SEAT: PTFE SOCKET	1,00
BRASS BALL VALVE PN 32 forged brass body in CW617N UNI-EN 12165 nickel + chrome plated, full bore, 2 piece body, chrome plated brass ball, ptfе seat, threaded ends to iso 228/1.	6,00
BRASS BALL VALVE PN 32 forged brass body in CW617N UNI-EN 12165 nickel + chrome plated, full bore, 2 piece body, chrome plated brass ball, ptfе seat, threaded ends to iso 228/1.	65,00
CABINET FOR INLET AREA SOLENOID VALVE CABINET: MATERIAL: SHEET STEEL, IP65 SPACING: 20% SPARE SPACING CABINET SIZE: MANUFACTURE STANDARD OPERATING PRESSURE: 5-6 BAR 4 VALVES DOUBLE ACTING 1 MANUAL 1/4 BALL TWO WAY VALVE EXTERNAL AIR SUPPLY	1,00
CABINET FOR HIGH PRESSURE PUMPS SOLENOID VALVE CABINET: MATERIAL: SHEET STEEL, IP65 SPACING: 20% SPARE SPACING CABINET SIZE: MANUFACTURE STANDARD OPERATING PRESSURE: 5-6 BAR 6 VALVES DOUBLE ACTING 1 MANUAL 1/4 BALL TWO WAY VALVE EXTERNAL AIR SUPPLY	6,00
CABINET FOR HIGH PRESSURE PUMPS SOLENOID VALVE CABINET: MATERIAL: SHEET STEEL, IP65 SPACING: 20% SPARE SPACING CABINET SIZE: MANUFACTURE STANDARD OPERATING PRESSURE: 5-6 BAR 6 VALVES DOUBLE ACTING 1 MANUAL 1/4 BALL TWO WAY VALVE EXTERNAL AIR SUPPLY	6,00

<p>CABINET FOR RO SKIDS SOLENOID VALVE CABINET: MATERIAL: SHEET STEEL, IP65 SPACING: 20% SPARE SPACING CABINET SIZE: MANUFACTURE STANDARD OPERATING PRESSURE: 5-6 BAR 6 VALVES DOUBLE ACTING 1 MANUAL 1/4 BALL TWO WAY VALVE EXTERNAL AIR SUPPLY</p>	5,00
<p>CABINET FOR RO SKIDS SOLENOID VALVE CABINET: MATERIAL: SHEET STEEL, IP65 SPACING: 20% SPARE SPACING CABINET SIZE: MANUFACTURE STANDARD OPERATING PRESSURE: 5-6 BAR 6 VALVES DOUBLE ACTING 1 MANUAL 1/4 BALL TWO WAY VALVE EXTERNAL AIR SUPPLY</p>	5,00
<p>CABINET FOR CALCITE BUILDING SOLENOID VALVE CABINET: MATERIAL: SHEET STEEL, IP65 SPACING: 20% SPARE SPACING CABINET SIZE: MANUFACTURE STANDARD OPERATING PRESSURE: 5-6 BAR 4 VALVES DOUBLE ACTING 1 MANUAL 1/4 BALL TWO WAY VALVE EXTERNAL AIR SUPPLY</p>	10,00
<p>CABINET FOR CALCITE BUILDING SOLENOID VALVE CABINET: MATERIAL: SHEET STEEL, IP65 SPACING: 20% SPARE SPACING CABINET SIZE: MANUFACTURE STANDARD OPERATING PRESSURE: 5-6 BAR 4 VALVES DOUBLE ACTING 1 MANUAL 1/4 BALL TWO WAY VALVE EXTERNAL AIR SUPPLY</p>	2,00
<p>FILTER NOZZLES MOD.T Slot width: 0,40 mm Number of slot: 40 Slot area: 496 mm2 Thread: Ø 1.1/4 "W Internal shaft Ø: 21 mm Thread length (L1): 30 mm Stem Total length (L1): 300 mm Stem configurations: slots & hole for air distribution Material: Polypropylene</p>	9.800,00
<p>SLEEVES FOR CONCRETE PLATES MOD. G200 Thread: Ø 1.1/4 "W Height: 200 mm Material: Polypropylene</p>	9.800,00
<p>FIXTING BOLT PD Thread: Ø 1.1/4 "W Lenght: 50 mm Material: Polypropylene</p>	4.900,00
<p>PROTECTION CAPS MOD. UN Material: Polypropylene</p>	4.900,00
<p>FLANGE NETVITC 4"</p>	420,00
<p>FLANGE NETVITC 2-1/2"</p>	280,00
<p>CAP NETVITC BLANKS 4"</p>	20,00

PRODUCT SAMPLES



